

19980624.qrp v01_n132.qrs.980624

Date: Wed, 24 Jun 1998 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1132

QRP-L Digest 1132

Topics covered in this issue include:

- 1) [13734] "Terraquaphone" - (signals thru the earth)
by Conrad <radman@best.com>
- 2) [13735] IRC room
by Bob Liesenfeld <wb0poq@visi.com>
- 3) [13736] Noise Bridge forever
by Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
- 4) [13737] FS: Wilderness Sierra with KC2
by Danh Le <dql@slip.net>
- 5) [13738] Spectrum Analyzer
by "Robert D. Haslach" <rhaslach@CapAccess.org>
- 6) [13739] blind operator needs toshiba laptop
by Ron Keener <rkeener@realtime.net>
- 7) [13740] Earth communication
by "JUNIUS B FOX" <w5hir@gte.net>
- 8) [13741] Re: RE SENDING SIGNALS THRU EARTH
by Don Bowen <don.bowen@chrysalis.org>
- 9) [13742] Re: Noise Bridge forever
by "Greg Breeden" <a10a@hotmail.com>
- 10) [13743] Follow that thread!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 11) [13744] Re: FD- Bug Juice Alert!
by Peter Larsen <larsenp@cadvision.com>
- 12) [13745] Re: FD- Bug Juice Alert!
by Peter Larsen <larsenp@cadvision.com>
- 13) [13746] Dinner with K5FO in Orlando
by Tom WA8DXD <wa8dxd@magicnet.net>
- 14) [13747] New Web Pages 7Mhz Rx
by John Anthony Reynolds <D2250077@infotrade.co.uk>
- 15) [13748] (not QRP) N7MFB back on ICQ
by Bill Todd <bill@willapabay.org>
- 16) [13749] DEET caution
by Peter_Simpson@ne.3com.com
- 17) [13750] How Suspend QRP-L???
- by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 18) [13751] RE: FD- Bug Juice Alert!
by cy r currier <crc3@telplus.net>
- 19) [13752] Antenna Question

- by bill lazure <blazure@wstm.com>
- 20) [13753] RE: DEET caution
by cy r currier <crc3@telplus.net>
- 21) [13754] test, other messgs not making it
by Tom McCuen <tjmc@erols.com>
- 22) [13755] Stuff at WITS for sale via bid.
by "Bob Duckworth" <wb4mnf@atl.org>
- 23) [13756] Re: How Suspend QRP-L???
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 24) [13757] Re: Dinner with K5FO in Orlando
by Tom WA8DXD <wa8dxd@magicnet.net>
- 25) [13758] SG-2020 and power output (long parts 1&2)
by Tom McCuen <tjmc@erols.com>
- 26) [13759] toshiba laptop pc
by Ron Keener <rkeener@realtime.net>
- 27) [13760] Elmer 101 Where did my RF go? Part 2
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 28) [13761] Re: DEET caution
by "John L. Horton" <jhorton@primenet.com>
- 29) [13762] Re: How Suspend QRP-L???
by "dave r" <elim@ime.net>
- 30) [13763] RE: DEET caution
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 31) [13764] RE: How Suspend QRP-L???
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 32) [13765] Perth Plus Antenna & Outpost Mount
by "J. D. Beischel" <jduffy1@ix.netcom.com>
- 33) [13766] Re: DEET caution
by n4js@pobox.com (John Sielke)
- 34) [13767] FS: Heath Noise Bridge \$25
by "Ed Jensen" <k5ed@dzn.com>
- 35) [13768] RE: DEET caution
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 36) [13769] Now THAT's a Mosquito
by utahfolk@konnections.com
- 37) [13770] Re: DEET caution
by "Mark E. Monninger" <markem@primenet.com>
- 38) [13771] DEET?
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 39) [13772] DEET?
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 40) [13773] 3V vs 12V vs 24V
by "Ed Pacyna" <pacyna@worldnet.att.net>
- 41) [13774] Re: DEET caution
by jeverhar@camden.lmco.com
- 42) [13775] Argonaut package Has been sold
by Dameador@aol.com
- 43) [13776] 10 is open

- by Fred Lesnick <flesnick@tbaytel.net>
- 44) [13777] 3V vs 12V vs 24V
by "Ed Pacyna" <pacyna@worldnet.att.net>
- 45) [13778] Info on a Vendor
by "Eugene Hall" <evhall@ix.netcom.com>
- 46) [13779] Re: Solar: FD Countdown
by Zack Lau <zlau@arrl.org>
- 47) [13780] Re: Noise Bridge forever
by "Greg Breeden" <al0a@hotmail.com>
- 48) [13781] TiCK 3
by k6hcj@juno.com (Marv Fagenson)
- 49) [13782] Re: SIMPLE PORTABLE ANTENNA (long)
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 50) [13783] Re: DEET caution
by n0xes@juno.com (David S Byington)
- 51) [13784] Low Freq Ant. design and Loop tuning.
by Ed Loranger <we6w@qsl.net>
- 52) [13785] Input Filter Design Software (wanted)
by Steven Ciciora <scicior@uswest.com>
- 53) [13786] Noise bridge is sold
by "Ed Jensen" <k5ed@dzdn.com>
- 54) [13787] Re: DEET caution
by "David, n2zhy" <n2zhy@amsat.org>
- 55) [13788] Looking for AA2VK
by Larry East <w1hue@amsat.org>
- 56) [13789] Int. QRP Day Contest - results
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>

Date: Tue, 23 Jun 1998 16:32:38 -0700
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13734] "Terraquaphone" - (signals thru the earth)
Message-ID: <01BD9EC4.8990F8C0.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Earthlings,

Here's the deal: some months back I became interested in this topic and exchanged some email with our own Ed Loranger - WE6W - who kindly sent me a photocopy of the "Electronics Illustrated" - July, 1961 (!) article written by Fred Maynard of Motorola Semiconductor Products. I tried lookups on "Electronics Illustrated" and Mr. Fred Maynard. I couldn't locate either one. I believe "EI" is

deceased... I'm not sure about Mr. Fred Maynard.

If you can't locate an archive, send me an email and I'll mail you a copy of what Ed Loranger mailed to me! It includes Ed's own hand-drawn schematic to roll your own Terraquaphone! A few transistors, misc components, a 12 volt batt, couple of spikes to pound in the ground - range: 1500 feet or so!

Shoot me an email if you like. We'll figure out a way to get you a copy.

72 - Conrad Weiss - NN6CW

Date: Tue, 23 Jun 1998 18:43:44 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [13735] IRC room
Message-ID: <35903DB0.1D1C15E9@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

Is there an IRC server/channel that we QRP folks frequent?

Tnx es 72

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Mon, 22 Jun 1998 19:57:58 -0700
From: Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [13736] Noise Bridge forever
Message-ID: <358F19B6.2CB663BE@mailhost.det.ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After my queries about a noise bridge, I got a bridge, and the results

follow.

I had a Century 21 that wouldn't tune with my tuner.

The first thing I did with the noise bridge is to check out my dummy load (2 100 ohm, 2 watt resistors that goes back to 1966). Noise bridge said it was 75 or so ohms. Meters says 80. Progress. Supposed to be 50 ohms.

Tuned up my troublesome antenna with the noise bridge. Latter said that the antenna was inductive (all at the end of the coax).

Fifteen minutes later, the noise bridge had done its job, and my untunable antenna was tuned. Even my G5RV works fine on 40 now. Never did before.

What's wrong with the thing? It's an awful lot of trouble, taking it in and out of the line. One nanosecond of transmission, and the noise brige is kaput.

Still, it solved my problem, and I like that. It's the \$60 MFJ model. Nice to know whether you have an inductive or capacitive load.

What's wrong with the Century 21 that acted so oddly? Nothing. I am used to tuning up rigs with 2-3 watts, and the 21 just doesn't like to do that. You kick it up to 30 watts, and it's a champ.

Man, there are a lot of weird antennas out there. Oh, the book that comes with it is replete with errors, but watch out for me and my mighty Century 21!

73 jerry w8gnd

Date: Tue, 23 Jun 1998 17:16:00 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-1@Lehigh.EDU
Subject: [13737] FS: Wilderness Sierra with KC2
Message-ID: <E0yodEH-00026e-00@slip-3.slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Gang,

I have for sale a Wilderness Sierra with an optional KC2.
The radio comes with four band modules (80m, 40m, 30m, and
20m) The 80m band is partially built. The radio is in immaculate
condition and is very well built. It comes with the manual.

I am asking \$300 + shipping.

Please email if interested.

72 de Dan, ke6d
dql@slip.net

Date: Tue, 23 Jun 1998 20:14:28 -0400 (EDT)
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
To: qrp-1@Lehigh.EDU
Subject: [13738] Spectrum Analyzer
Message-ID: <Pine.SUN.3.91-FP.980623200918.518A-100000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I asked for suggestions on a (not too expensive) spectrum analyzer that
would cover the ISM
bands (900 MHz - 6 GHz). All the votes are in and this is what I learned:

1. Poor Man's Spectrum Analyzer - an interesting looking (inexpensive)
homebrew audio approach for 2MHz to 1.6GHz: see
<http://www.science-workshop.com>
2. (2 votes) Tektronix 491 for 10MHz through 12.4 GHz (Fair Radio and Tucker
Electronics)
3. The HP-141 in various configurations

Regards, N3FRT
Robert D. Haslach
Bye

Date: Wed, 24 Jun 1998 00:18:39 +0000
From: Ron Keener <rkeener@realtime.net>
To: qrp-1@Lehigh.EDU
Subject: [13739] blind operator needs toshiba laptop

Message-ID: <359045DF.3F8B@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

my sister K0YL needs a replacement toshiba laptop computer - she has a special audio readout circuit board that ONLY works in toshiba - if you have an old unused toshiba laptop please contact her directly (or thru me) with model number, any info you have on configuration, and a price you are willing to sell for - Mary_Keener@jemm.com or see QRZ

also the ham that offered to sell his icom direct input keypad has not responded to my email messages - so K0YL is still looking for the Stone Mountain keypad with icom interface for 731s qrp rig

tnx ron wa0ree qrp-l #1570 - iaqrp #23

Date: Tue, 23 Jun 1998 19:23:22 -0500
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-l@Lehigh.EDU>
Subject: [13740] Earth communication
Message-ID: <01bd9f06\$4b8a0ac0\$a56afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use of the earth through which to communicate is not new at all. In fact, two wires connected at both ends with identical center tapped transformers can:

1. use the two wires to communicate by telephone (the old EE8 Field phone for example) and
- 2 At the same time use cw through use of the two wires and the center tap of each transformer connected to a stake in the ground.

This type of connection was referred to as " Phantom Circuit."
I.e... two wires could become "four" with the use of the center tap.

How did It work? well the phone using the two wires is straight forward, but the cw at the same time? The cw current saw each of the two wires with equal and opposing value, thus there was no interference with the phone while using cw. Transmissions as great as five miles were made using this method during WWII.

foxy

If it ain't broke, don't mess with it!

Date: Tue, 23 Jun 1998 20:35:25 -0700
From: Don Bowen <don.bowen@chrysalis.org>
To: jdenison@morelr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13741] Re: RE SENDING SIGNALS THRU EARTH
Message-ID: <359073FD.3C1C@chrysalis.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the late 1940s, we used a separate "earphone" for both listening and talking, one wire and ground, no batteries - four blocks.

Don Bowen
K5LHO

JOEL DENISON wrote:

>
> when the world was young we used earphones and single wire + earth gnd to
> play walki talki... don't remember the range we could get... but goood old
> louisiana dirt made a good path to the other guy's earphone...
> joel, in maine
>
> God Bless
> Joel
>
> WA5CVM Gentlemen don't Cry, They QSY :-)
> Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)
> PO BOX 542 3 element Half Square on 40mtr Half Square on 30
> Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
> jdenison@morelr.com AK/QRP 109

Date: Tue, 23 Jun 1998 18:42:49 PDT
From: "Greg Breeden" <a10a@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [13742] Re: Noise Bridge forever
Message-ID: <19980624014250.7628.qmail@hotmail.com>
Content-Type: text/plain

I like a bridge as well. There is an outfit in Quincy Michigan that makes a nice one. I own it. It even works through 2 meters. It also has a "fused" (sacrificial diode) circuit if you fry it! They cost around \$75 from my source. Nice instruction book which shows you how to get the most out of your bridge. It is called the TENNATEST. It boasts a 5 percent accuracy when compared to lab instruments.

I have no intrests in the company, just a satisfied owner.

Greg Breeden AL0A
Wasilla, AK

>Date: Mon, 22 Jun 1998 19:57:58 -0700
>Reply-To: jwodell@mpdr0.detroit.mi.ameritech.net
>From: Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Noise Bridge forever
>
>After my queries about a noise bridge, I got a bridge, and the results
>follow.
>
>I had a Century 21 that wouldn't tune with my tuner.
>
>The first thing I did with the noise bridge is to check out my
>dummy load (2 100 ohm, 2 watt resistors that goes back to 1966).
>Noise bridge said it was 75 or so ohms. Meters says 80. Progress.
>Supposed to be 50 ohms.
>
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>that the antenna was inductive (all at the end of the coax).
>
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>untunable antenna was tuned. Even my G5RV works fine on 40 now. Never
>did before.
>
>What's wrong with the thing? It's an awful lot of trouble, taking it
>in and out of the line. One nanosecond of transmission, and the noise
>brige is kaput.
>
>Still, it solved my problem, and I like that. It's the \$60 MFJ model.
>Nice to know whether you have an inductive or capacitive load.
>
>What's wrong with the Century 21 that acted so oddly? Nothing. I am
used
>to tuning up rigs with 2-3 watts, and the 21 just doesn't like to do
>that. You kick it up to 30 watts, and it's a champ.

>
>Man, there are a lot of weird antennas out there. Oh, the book that
>comes
>with it is replete with errors, but watch out for me and my mighty
>Century 21!
>
>73 jerry w8gnd
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 23 Jun 1998 21:41:39 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: qrp-1@Lehigh.EDU
Subject: [13743] Follow that thread!
Message-ID: <35905953.85EE8099@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As far fetched as this might sound, many years ago as a kid I could listen to local airplane traffic at my grandmothers house (next to an airport) but connecting a set of old crystal set headphone to a long aluminum clothesline. Somehow the thing rectified. Probably due to corrosion. I have never been able to succesfully repeat the experiment but it might give someone some ideas.

>Mike Manship wrote:

>The article I remember from the early 60's (I think) in Popular Electronics

>I seem to recall this article also. Either in this article or >elsewhere, I
>saw reference to communicating through the ground being "discovered" >during
>trench warfare in WW1. My leaky memory recalls that the allies >discovered
>German phone line conversations could be monitored by driving metal >stakes
>into the ground and connecting headphones. Anyone else remember >reading
>about this?

>

>I hope I'm not remembering an atricle from an old April issue of 73 or >CQ.

>72/73,

>Rick kf4ar

--

+++++

T.J. "SKIP" AREY N2EI QROARCI# 8634

e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Author of: RADIO MONITORING The How-To Guide
ISBN 1-56866-101-0

Index Publishing Group, San Diego, CA
ipgbooks@indexbooks.com
<http://www.electriciti.com/~ipgbooks>

Date: Wed, 24 Jun 1998 02:22:54 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: don.bowen@chrysalis.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13744] Re: FD- Bug Juice Alert!
Message-ID: <359054EE.9006A6FA@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> BTW - recently I've read that 30% deet bug juice works as good as
> the 100%
> stuff and <snip> cause you to go insane as quick....

I once tried the 100% stuff, now I have an uncontrollable urge
to work CW... What did you say about insane??

DE VE6NA0 (soon to be port VY1. See you on field day)

Date: Wed, 24 Jun 1998 02:30:23 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: cebik@utkux.utcc.utk.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13745] Re: FD- Bug Juice Alert!
Message-ID: <359056AF.4203ED1B@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All:

If you are going to do it you might as well do it right.

Deep six the bananas!!!

deep six the sugar!!

Eat lots of oranges and lemons.

Stand near a cute girl (it doesn't keep the bugs away just
sounded good.

Peter

VE6NAO

Date: Tue, 23 Jun 1998 21:49:27 -0400
From: Tom WA8DXD <wa8dxd@magicnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13746] Dinner with K5FO in Orlando
Message-ID: <3.0.5.32.19980623214927.007bf9f0@mailhost.magicnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRPers:

Here's a follow-up to some earlier posts. Chuck Adams will be in Orlando
for a couple more nights and would like to meet as many of you who might be
able to stop on over to say hello, talk a little qrp, have some dinner, and
imbibe in a little liquid refreshment.

PLACE: "THE MILL" located across from the University of Central Florida
campus at the corner of University Blvd. and Alafaya Trail.

DATE & TIME: Wednesday, June 24 at 6:30PM

If you can't make it Wednesday. Chuck said he will also be here Thursday.
If you don't hear any different, same time and place applies. If you need
more detailed directions you can e-mail me here.

If you should need to reach Chuck direct, he is staying at the Holiday Inn
Select, 407-275-9000. That number gets you the front desk, then ask for Chuck.

Cheers, TOM WA8DXD

Date: Wed, 24 Jun 1998 06:37:24 +0100
From: John Anthony Reynolds <D2250077@infotrade.co.uk>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: "'gqrp-1@blacksheep.org'" <gqrp-1@blacksheep.org>
Subject: [13747] New Web Pages 7Mhz Rx
Message-ID: <01BD9F3A.B582A700@default>

Hi Guy's,
have uploaded the circuit diagrams of my homebrew 7Mhz receiver to my Web Page.
Would also be obliged if you could complete my Feedback and Comments page.
If anyone has any questions on the receiver I will be pleased to answer them.
BTW 7Mhz at 0500UTC very good to Southern USA and Central America this morning.

Check out <http://www.qsl.net/g3pto/index.html>

Enjoy.

72 es 73 de John Reynolds G3PT0

G QRP Club No. 595

Chipping Sodbury, South Gloucestershire

reply email: g3pto@qsl.net

Web Page: <http://www.qsl.net/g3pto/index.html>

Date: Wed, 24 Jun 1998 01:09:55 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [13748] (not QRP) N7MFB back on ICQ
Message-ID: <1.5.4.32.19980624080955.006faaa0@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello group(s) -

Just a quick note to say that I am finally back on the ICQ e-mail/chat list -
however, I have lost all my friends' personal ICQ numbers. If my friends
want to be "back" on my list, they will have to resend me a contact request.

You won't believe this...but the Maxtor 2 gig hard drive in my computer,
(with less than 19 months of use on it), fell to pieces a few weeks ago. I

was only able to salvage about 400 megs of it - all the rest of my drive was turned into bad sectors according to Norton Disk Doctor.

No viruses were found on the hard drive, so I suppose this Maxtor drive just got cranky on me. Thank goodness I kept a monthly tape backup of the drive.

I understand that I have a 3 year warrenty on this drive, so I am calling tomorrow to discover if they will honor their promise.

CUL, Bill-N7MFB

Word of warning - back up your hard drive folks!

--

<http://www.willapabay.org/~bill>

ICQ me at #8926298

Date: Wed, 24 Jun 1998 06:30:36 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-1@Lehigh.EDU
Subject: [13749] DEET caution
Message-ID: <8525662D.00390D12.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I never thought much about DEET until my daughter had a seizure. My wife was there when it happened. Scared the living %\$/* out of both of us. A month later, after a MRI (neat, she got a copy of the image!) and lots of trips to the doctor, we decided the cause was the "OFF!" spray she had been using at camp. Sure enough, one of the cautions on the label is about epileptic seizures.

I use the stuff extremely sparingly, now. She uses an alternative citronella mixture. It's awfully hard to find insect repellants that don't contain DEET. I try harder, and try to do without any repellent unless absolutely necessary.

I'm not usually a fearmonger, but something that can cause an epileptic seizure is something I would think twice about having on my skin.

72,
Peter, KA1AXY

Date: Wed, 24 Jun 1998 11:00:26 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [13750] How Suspend QRP-L???
Message-ID: <19980624110026.HBTA5929@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thought I had it in my files... How do I suspend while I go out and raid those Zuni Loopers? -s-
Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Wed, 24 Jun 1998 19:42:59 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
"larsenp@cadvision.com" <larsenp@cadvision.com>
Subject: [13751] RE: FD- Bug Juice Alert!
Message-ID: <01BD9FA8.528DF8C0@bgr40.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

cetronilla and pine tar mixed w olive oil is a woodsman's standby. how =
much olive oil do u add? enough so it doesn't peel the skin. b-12 helps. =
drinking water laced w vinegar also helps. oil of lemongrass works. the =
main advantage to lemongrass is u don't have to sleep in the barn. pic =
coils around the area
work but might be a fire hazard in dry condx. protect dry grass and =
tinder. why not do as we do in the puckerbrush - ignore them. that way =
they won't bother u. they only come out if they know you don't want =
them.
one time i knew i was in trouble. one bug had me by the left shoulder =
and one by the right. i was being dragged toward the deep woods. one of =
the bugs said do we finish him off here or wait til we hit the woods. =
the other replied if we take him to the woods the big ones will take him =

away from us. luckily mother
saw them grab me and shot one with the 30-06. i cut the others wing tip =
off w a bowie knife. he could not keep me airborne alone and with his 1 =
wing tip gone he flew in a circle. when my shirt twisted off i escaped. =
whew. another close one.

From: Peter Larsen
Sent: Tuesday, June 23, 1998 9:22 PM
To: Low Power Amateur Radio Discussion
Subject: Re: FD- Bug Juice Alert!

> BTW - recently I've read that 30% deet bug juice works as good as
> the 100%
> stuff and <snip> cause you to go insane as quick....

I once tried the 100% stuff, now I have an uncontrollable urge
to work CW... What did you say about insane??

DE VE6NAO (soon to be port VY1. See you on field day)

Date: Wed, 24 Jun 1998 07:57:03 -0400
From: bill lazure <blazure@wstm.com>
To: qrp-1@Lehigh.EDU
Subject: [13752] Antenna Question
Message-ID: <3590E98F.12EF@wstm.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

My yard is laid out funny. Because of the arrangement of the trees
(and where my wife will allow antennae), it leaves very little room;
both hozontally and vertically.

I currently use a 4 band vertical, but want some receive
directivity.

The question: I've seen small loops used as receive-only
antennas, while using another antenna (in my case, the vertical) for
xmit. Will the lowering of efficiency of a small loop be offset enough
by the higher directivity and hence, lower total receive noise to
provide me with any net gain in weak signal strength?

If not, I'd love some opinions on the same question applied to VERY
short beams (on the order of 30% of full size).

Bill - N2TPA

"Remember when hams built their own equipment?"

Date: Wed, 24 Jun 1998 19:57:10 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
"Peter_Simpson@ne.3com.com" <Peter_Simpson@ne.3com.com>
Subject: [13753] RE: DEET caution
Message-ID: <01BD9FAA.49366440@bgr40.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

i heard it was also a carcinogen from what i thought was i reliable =
source at the time. put it on ur hat, clothes, or a cotton ball. not on =
ur skin!!!!!!!!!!!!!!!!!!!!!!

From: Peter_Simpson@ne.3com.com
Sent: Wednesday, June 24, 1998 6:30 AM
To: Low Power Amateur Radio Discussion
Subject: DEET caution

I never thought much about DEET until my daughter had a seizure. My =
wife
was there when it happened. Scared the living %\$/* out of both of us. =
A
month later, after a MRI (neat, she got a copy of the image!) and lots =
of
trips to the doctor, we decided the cause was the "OFF!" spray she had
been using at camp. Sure enough, one of the cautions on the label is
about epileptic seizures.

I use the stuff extremely sparingly, now. She uses an alternative
citronella mixture. It's awfully hard to find insect repellants
that don't contain DEET. I try harder, and try to do without any
repellant unless absolutely necessary.

I'm not usually a fearmonger, but something that can cause an epileptic

seizure is something I would think twice about having on my skin.

72,
Peter, KA1AXY

Date: Wed, 24 Jun 1998 08:14:18 -0400
From: Tom McCuen <tjmc@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [13754] test, other messgs not making it
Message-ID: <3590ED9A.22E7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

test

Date: Tue, 23 Jun 1998 20:16:35 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "baswaplist" <baswaplist@foothill.net>, "qrp" <qrp-l@Lehigh.EDU>, "vss" <vss@m1ist.access.digex.net>
Subject: [13755] Stuff at WITS for sale via bid.
Message-ID: <199806241148.HAA13519@atl.org>

There are some interesting bits '0' debris and ephemera listed already and contents of a 6000 sq ft warehouse will be listed.

Older hints and kinks
Collins radio logs
cambric covered radio
cambric covered speaker
turbine thing
turbine thing with generator
X-Y table
10meter FM transceiver
Tube Tester

<http://wits.atl.org>

Feel free to use, no fees.

Date: Wed, 24 Jun 1998 13:22:10 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: SSLYON@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [13756] Re: How Suspend QRP-L???
Message-ID: <199806241222.NAA20111@chuck.dallas.sgi.com>

OK Gang,

Here is a short summary of some useful commands.

-----cut here-----

QRP-L COMMAND SUMMARY LIST --- VERSION 1.0 --- Aug 14, 1997

NOTES: your_name is to be replaced by your name, e.g. Ludwig Beethoven
your_call is to be replaced by your call, e.g. K5FJZ or NO_CALL

199X 9XMMDD means year 199X and month MM and day DD, thus
1997 970208 is February 8th, 1997 and the digest for
whole day

In some of the examples below the upper case letters are to avoid
confusion.

Your QRP-L numbers are for life. No need to redo it if you unsub
and then come back later, go on vacation, etc. It is a non-contestable
part of any divorce proceedings and non-transferable. It will not
be reissued as part of a 'vanity-number' program. :-) ;-) It cannot
be willed to a family or non-family member. Let us know if you get a
vanity call.

Some of the files in some of the directories that have a .ps in
their name are PostScript files and must be printed or viewed using
a PostScript compatible printer or viewer.

The ACK command will start back individual receipt of postings and terminates the DIGEST and POSTPONE commands.

email to	command in body or message	results of same
LISTSERV@LEHIGH.EDU	SUBSCRIBE QRP-L your_name your_call	get on the list
LISTSERV@LEHIGH.EDU	UNSUBSCRIBE QRP-L	exit the list
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL DIGEST	rcv digest mode
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL POSTPONE	stop qrp-l temp.
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL ACK	restart qrp-l mail
LISTSERV@LEHIGH.EDU	RECIPIENTS QRP-L	get list of members
LISTSERV@LEHIGH.EDU	INDEX QRP-L -ALL	list files online
LISTSERV@LEHIGH.EDU	GET QRP-L/subdirectory filename	get file from list
LISTSERV@LEHIGH.EDU	GET QRP-L WELCOME.TXT	get welcome file
LISTSERV@LEHIGH.EDU	GET QRP-L/ARCHIVES-OLD/199X 9XMMDD	get one day posts
LISTSERV@LEHIGH.EDU	HELP	get help
LISTSERV@LEHIGH.EDU	RUN QRP-L X GETNR your_call	get secret number
LISTSERV@LEHIGH.EDU	GET QRP-L/MISC MEMBER_NUMBERS.TXT	get secret nr list
LISTSERV@LEHIGH.EDU	RUN QRP-L X QRP_CALL	get calls by area
LISTSERV@LEHIGH.EDU	RUN QRP-L X FCC_CALL callsign	lookup up call
LISTSERV@LEHIGH.EDU	RUN QRP-L X CALLS2DIST call1 call2	lookup call2 & dist
QRP-L@LEHIGH.EDU	Message you want broadcast to group Put none of the above commands in message to the group. Avoid repeating previously posted messages and lengthy signature files, please.	message to qrp-l
ADAMS@SGI.COM	Message	message to Chuck
LUJCE@LEHIGH.EDU	Message	message to Jim

ftp to

FTP.LEHIGH.EDU for ftp site. Note that .Z should be omitted in GET command for getting files uncompressed. Use filename without .Z extent.

web site

<http://www.lehigh.edu/lists/archives/qrp-1> To get postings (all lower case).

If you use the web facilities, please subscribe, then do a POSTPONE.
You will show up on the list and you can post, otherwise you will only be able to read from the list.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 24 Jun 1998 07:25:18 -0400
From: Tom WA8DXD <wa8dxd@magicnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13757] Re: Dinner with K5FO in Orlando
Message-ID: <3.0.5.32.19980624072518.00f9b470@mailhost.magicnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

I didn't mention it in my earlier post, but in retrospect it might not be a bad idea to get a head count on who might be joining Chuck tonight (or tomorrow, Thursday) for dinner. If possible, and to avoid perhaps a gazillion calls to Chuck's hotel, please RSVP to me here and I'll pass the numbers on to Chuck. Since I live in the Orlando area I'm sort of acting as liaison on this. If you need additional directional info I'll be happy to try and steer you in the right direction from wherever you may be coming from. Once you are en route, and should you lose your way, I am sure you could contact the hotel for directions which is nearby the restaurant and UCF.

CUL 72/73, TOM WA8DXD

At 09:49 PM 6/23/98 -0400, I wrote:
>Fellow QRPers:
>
>Here's a follow-up to some earlier posts. Chuck Adams will be in Orlando
>for a couple more nights and would like to meet as many of you who might be
>able to stop on over to say hello, talk a little qrp, have some dinner, and
>imbibe in a little liquid refreshment.
>
>PLACE: "THE MILL" located across from the University of Central Florida
>campus at the corner of University Blvd. and Alafaya Trail.
>

>DATE & TIME: Wednesday, June 24 at 6:30PM
>
>If you can't make it Wednesday. Chuck said he will also be here Thursday.
>If you don't hear any different, same time and place applies. If you need
>more detailed directions you can e-mail me here.
>
>If you should need to reach Chuck direct, he is staying at the Holiday Inn
>Select, 407-275-9000. That number gets you the front desk, then ask for
Chuck.
>
>Cheers, TOM WA8DXD
>
>
>

Date: Wed, 24 Jun 1998 08:35:03 -0400
From: Tom McCuen <tjmc@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [13758] SG-2020 and power output (long parts 1&2)
Message-ID: <3590F277.748@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A little problem with the 2020 and maybe another can check this out too.

I was using my 2020 off of my 13.8 supply unit with my St Louis tuner at
abt 10w ssb. The tuner was acting up a little which sounded a little
like arcing.

So, I hooked up a MFJ 949 tuner. I noticed that the meter was reading
20w out ! ???
Ooooppps... I fig I set the 2020 power to high from a memory. Checked
this and No, it's set at 10 watts out. Problem.

First tests of the 2020 on a friends meter showed the output to be a
little higher than the reading by a watt or two(12v cell), My MFJ 949
meter is showing abt double. (I double checked the MFJ with my Kenwd
850 ... the meter is showing abt 100w from that rig)

So I ran some more tests... CW into a dummy load , freq set for 7.04 at
13.9v power supply;

Setting 1w = 1w out @ 1.6a (same as orig tests)
1w = 3.5w out (seems that power setting has some play)

(before changing, like missing freq
digits)

2w = 4w out @ 2a
2w = 5.3w out @ 2.2a (5 watts out falls in this
range,touchy adjustment)

3w = 6w out
3w = 7.6w out

4w = 8w out
4w = 9.5w out

5w = 10w out @ 2.6a
5w = 11.3w out

20w = 42w out @ 5.3a
25w = 50w out
Max = abt 60w out

So all settings for output appear to be double to double plus
1.5w...depends on the dial play for the power setting...it must read a
digital pulse but not actually change the shown setting.
(i see the same effect during tuning, small freq change before actual
dial change)

BTW , prev output test were done on a 12.5 gel cell .

Either 1) I got a real HOT rig , 1 to 60w (SGC says PA rated for 40+).
2)Something happened (rig has the mod for full tx; export model). 3) I
screwed up with my last tests and really nothing's different 4)voltage
in make a big difference.

Can anyone else test this and confirm for me..??

Tnx
Tom aa2vk

PART 2

It's amazing what a phone call can do.
Well, all is working fine... looks like no problem after all.
The higher voltage (13.9 over 12.5v) produces lower current draw than
my first tests with gel cell, but still near the original tests...

So a recap at 13.9v in on 7.04 cw into dummy load;
RX = 550-600 ma (abt 500ma with light off and volume down)
TX = 1 watt out draws 1.6a (P setting at 1)
TX = 5 watt out draws 2.1a (P setting at 2) (abt middle range of 2)
(orig tests at 12.5 v had abt 3a draw but that was prob really 10 watts
out; a P5 setting)
TX =10 watt out draws 2.6a (P setting at 5)

Got off the phone with SGC company (btw; very nice, willing to help)
and was told that the "Power settings" don't really conform to real
wattage out ... it's a relative setting. I found out that the middle
range of the rig (7 mhz or so) will produce the highest power out and
at P25 or Max, the rig will do 50+ watts... To the upper/lower band
edges (1.8/29mhz) the 2020 will output lower but still in abt max at the
35+range.(maybe I prior tested at band edge? this would have put the P
setting more inline with output, will have to test this) The final is ok
and will handle this output. Also the minor differences for the powerout
re P settings are due to the way the rig reads the pulse from the vfo
dial(settings are repeatable and can be held in memory).

I'd still like to see another test from someone else's 2020... anyone?

Tnx
Tom aa2vk

Date: Wed, 24 Jun 1998 13:12:18 +0000
From: Ron Keener <rkeener@realtime.net>
To: qrp-l@Lehigh.EDU
Subject: [13759] toshiba laptop pc
Message-ID: <3590FB32.39B0@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

thanks to KC1FB - he had an unused 1200 laptop that he offered to K0YL
for cost of shipping - great group of people here on qrp-l

Mary is quite excited - she has been using a new device called braille
and speak that has been a real problem - it has been replaced several
times and each new one has more problems than the old one - company that
sells it seems to have lost their 'customer service' attitude

with the 1200 mary will be back on email shortly

ron wa0ree

Date: Wed, 24 Jun 1998 09:11:34 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [13760] Elmer 101 Where did my RF go? Part 2
Message-ID: <3590FB06.B6F40C1D@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I still do not have any RF coming out of the receiver mixer. I did some continuity checks around T1. With the readings I could not tell much because the resistances of the windings are just too low. There was nothing to indicate I had an obvious short. I got a note from Glen Leinweber with some suggestions and I used it as a guide. I checked the DC voltages at U1 and they check OK. Glen said to check to see if U1 was getting any signal from the VFO by looking at U1 pin 6. I read 0.14 volts p-p. It should be more like 1 volt p-p. I checked the base of Q2 and got 1.5 volts p-p. It should be more like 4 volts p-p. On the U1 side of C3 I got 0.14 volts p-p. So I spent some time looking at C2(47 pf) and C3 (10 pf). I had the correct values installed. So I either got a open C3 or a shorted C2. I removed C3 and tried to measure it on my cheap DVM but 10 pf is just too low. I reinstalled it. The base of Q2 now reads 3.4 volts p-p, a lot closer to the troubleshooting chart 4 volts p-p. But I still have only 0.13 volts p-p on the U1 side of C3 and the same voltage at pin 6 of U1. The plan for tonight is to remove C2 and to see if it is shorted. If it is it will show a low resistance on my DVM right?. If it checks OK, I will reinstall it and see what happens. Again, if anybody has any ideas, I would appreciate it.

Worked WP4LNY on 10 meters around 22:00. He was 599 with heavy QSB. I then called CQ FOX for about 10 minutes without any response. Did I just hit some Sporadic E?

Thanks

Ed Kwik KC8JIE QRP-L #1444

Date: Wed, 24 Jun 1998 09:38:56 -0700
From: "John L. Horton" <jhorton@primenet.com>
To: Peter_Simpson@ne.3com.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13761] Re: DEET caution

Message-ID: <35912BA0.9C23363E@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Peter_Simpson@ne.3com.com wrote:

> I never thought much about DEET until my daughter had a seizure. My
> wife
> was there when it happened. Scared the living %\$/* out of both of
> us. A
> month later, after a MRI (neat, she got a copy of the image!) and lots
> of
> trips to the doctor, we decided the cause was the "OFF!" spray she had
>
> been using at camp. Sure enough, one of the cautions on the label is
> about epileptic seizures.
>
> I use the stuff extremely sparingly, now. She uses an alternative
> citronella mixture. It's awfully hard to find insect repellants
> that don't contain DEET. I try harder, and try to do without any
> repellant unless absolutely necessary.
>
> I'm not usually a fearmonger, but something that can cause an
> epileptic
> seizure is something I would think twice about having on my skin.
>
> 72,
> Peter, KA1AXY

After reading the note on DEET I remembered that I had a close friend there at the USDA Lab at the University of Florida where DEET was developed. He said that a mixture of 15% and Alcohol was the most effective mixture to use. The OFF people bought the formula and came out with OFF and later Deep woods OFF. The former was at 2 % and the latter was at 4 %.

As a nurse I can tell you that some people will react to chemicals very severely and others not at all. Also, the other ingredients may cause problems. As to other ingredients that is why some people can take a generic drug and that won't work for them. It is usually the binding agents used to transport the medication to the desired systems. The binding agents is usually what makes the drug a generic and the active chemical is the same.

Just be careful when using chemicals, sometimes the side effects may permnante or worse can kill you. There is not a way to tell for sure. The first time may be the LAST time. You just don't know. Not all the

side effects are labeled and If the Doctor has not indicated that it was a side effect or that he did not know, he may have not reported it to any one. No one may ever know. Even if reported the person doing the review may decide that it is not relevant or the Company may decide to keep it quiet. They may never do anything about it in either case. It is the MONEY thing. On the other hand what if the drug was not available.

Sorry for the band width ITS just my soap box.

As to receiving better code I am not so sure. Someone may have been listening to the 'Mosquito's talking. HI HI.

Hope to get my OHR 100 on the Air this weekend and play radio between working and sleeping.

John ... DE KE7CW... in 8 (Ann Arbor MICHIGAN) land temporarily.
Hope to C U on the air.

Date: Wed, 24 Jun 1998 09:49:03 -0400
From: "dave r" <elim@ime.net>
To: <SSLYON@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13762] Re: How Suspend QRP-L???
Message-ID: <002901bd9f76\$dab208e0\$38c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, June 24, 1998 7:07 AM
Subject: How Suspend QRP-L???

>Thought I had it in my files... How do I suspend while I go out and raid
>those Zuni Loopers? -s-
>Seab Lyon, AA1MY, Beacon, NY, USA
>ARRL; QCWA; ACRI# 9253; QRP-L#574;
> NEQRP# 511; Pres., C.A.R.A.:
><http://www.danbury.org/org/cara/>

>

>

Hi seab,

easy way is to go to the following page and use the utility found there have a good trip..

73 dave

<http://qrp.cc.nd.edu/QRP-L/clubinfo.html>

there is a link there that will postpone your subs

Date: Wed, 24 Jun 1998 08:49:45 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [13763] RE: DEET caution

Message-ID: <19980624134947304.AAA315@muenzlerk>

Avon sells some stuff called "Skin So Soft" that smells much nicer than "off" and has the added advantage of repelling insects. Give that a try.

Kevin, WB5RUE

Date: Wed, 24 Jun 1998 08:52:00 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [13764] RE: How Suspend QRP-L???

Message-ID: <19980624135202601.AAA204@muenzlerk>

You need to send the following to listserv@Lehigh.EDU
set qrp-l mail postpone

this sets doesn't unsubscribe you but it stops the list server from sending you any message. The next command that you send to the listserver starts your mail back up.

Kevin, WB5RUE

Date: Wed, 24 Jun 1998 10:01:14 -0400
From: "J. D. Beischel" <jduffy1@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [13765] Perth Plus Antenna & Outpost Mount
Message-ID: <359106A6.6B6ADBB1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Friends,

Just received the Outbacker Perth Plus antenna and the new Alpha Delta Outpost portable mounting system. The mount sets up in minutes with the Perth Plus antenna. I used it two weekends ago with the MFJ 20 meter Travel Radio with a 12 volt Gel Cell battery (would have used it last weekend but it keeps raining). I fed the antenna with 20 feet of RG58 (all I had laying around at the time). The entire set up takes about five minutes. Contacts made included Nebraska, North Dakota, Florida, North Carolina, and Canada. All of this from my back patio in Cincinnati, Ohio. Would have made more contacts but it will not stop raining here.

Needless to say, I am very impressed with the antenna and the mount. Oh, the MFJ is not too bad either.

Regards,

Duffy - WB8NUT

Date: Wed, 24 Jun 1998 14:14:05 GMT
From: n4js@pobox.com (John Sielke)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13766] Re: DEET caution
Message-ID: <35910919.2407870@mail.snip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Wed, 24 Jun 1998 08:49:45 -0500, you typed:

>Avon sells some stuff called "Skin So Soft" that smells
>much nicer than "off" and has the added advantage of

>

There are a lot of folks that are going to say "scientific test prove that Skin So Soft doesn't work....BUT...

And no, my XYL is NOT an Avon Lady!

```

      =20
  ( N ) ( 4 ) ( J ) ( S ) John L. Sielke n4js@pobox.com n4js@qsl.net
  \_/_/ \_/_/ \_/_/ \_/_/ NJ Grid:FM29LN http://www.qsl.net/n4js
      G-ORP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

```

Date: Wed, 24 Jun 1998 08:19:02 -0600
From: "Ed Jensen" <k5ed@dzn.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [13767] FS: Heath Noise Bridge \$25
Message-ID: <01bd9f7b\$09a5da60\$cec294cd@k5ed>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="----- NextPart 000 0051 01BD9F48.BF0B6A60"

```
-----= NextPart 000 0051 01BD9F48.BF0B6A60
```

```
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
```

If anybody else is interested in noise bridges, I have a like new Heath = noise bridge (model HD1422) with manual that I will sell for \$25. It = measures 0-200 ohms R and +/- 60pF capacitance (which can be translated = to inductive or capacitive reactance). It has an operating range of = 1-30MHz and a "useful" range of 1-100MHz. The manual tells how to use = it to analyze feedlines, resonant circuits, and antennas.

You can call me at 915-595-6739 or email me.

73, Ed

Ed Jensen, K5ED, El Paso, TX, k5ed@dzn.com

-----=_NextPart_000_0051_01BD9F48.BF0B6A60

Content-Type: text/html;

charset="iso-8859-1"

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<BODY bgColor=3D#ffffff>

<DIV>Hi Gang,</DIV>

<DIV> </DIV>

<DIV>If anybody else is interested in noise bridges, I =
have a like=20

new Heath noise bridge (model HD1422) with manual that I will sell for=20
\$25. It measures 0-200 ohms R and +/- 60pF capacitance =
(which can be=20

translated to inductive or capacitive reactance). It has an =
operating=20

range of 1-30MHz and a "useful" range of 1-100MHz. The =
manual=20

tells how to use it to analyze feedlines, resonant circuits, and=20
antennas.</DIV>

<DIV> </DIV>

<DIV>You can call me at 915-595-6739 or email =
me.</DIV>

<DIV> </DIV>

<DIV>73, Ed</DIV>

<DIV> </DIV>

<DIV>Ed Jensen, K5ED, El Paso, TX, <A=20
href=3D"mailto:k5ed@dzn.com">k5ed@dzn.com</DIV></BODY></HTML>

-----=_NextPart_000_0051_01BD9F48.BF0B6A60--

Date: Wed, 24 Jun 1998 09:27:16 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <n4js@pobox.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [13768] RE: DEET caution
Message-ID: <19980624142718476.AAA193@muenzlerk>

It's always worked for me on these Texas mosquitos!
Let me tell you, three or four can carry off a
three-year-old kid! And it DOES smell MUCH nicer
than "off!"

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> John Sielke
> Sent: Wednesday, June 24, 1998 9:14 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: DEET caution
>
>
> On Wed, 24 Jun 1998 08:49:45 -0500, you typed:
>
> >Avon sells some stuff called "Skin So Soft" that smells
> >much nicer than "off" and has the added advantage of
> >repelling insects. Give that a try.
> >
> >Kevin, WB5RUE
>
> There are a lot of folks that are going to say "scientific test prove
> that Skin So Soft doesn't work....BUT...
>
> It is the ONLY thing I have found that works with NJ Greenhead flies!
> I ALWAYS carry a bottle on the boat, mixed 50-50 with water, in a
> spray. Shake well before using! IT REALLY does work!
>
> And no, my XYL is NOT an Avon Lady!
>
>
>
> /_ \ /_ \ /_ \ /_ \ John L. Sielke n4js@pobox.com n4js@qsl.net
> (N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
> _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
>
>

>

Date: Wed, 24 Jun 1998 14:31:51 -0700
From: utahfolk@konnections.com
To: qrp-1@Lehigh.EDU
Subject: [13769] Now THAT's a Mosquito
Message-ID: <35917047.4E8C@konnections.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you look closely at KL7 mosquitos you will see N####LL written on the side since they are required to be licensed by the FAA before they can fly DEET? No, 105mm Howitzer is what is required! ... sez W

Date: Wed, 24 Jun 1998 07:38:36 -0700 (MST)
From: "Mark E. Monninger" <markem@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [13770] Re: DEET caution
Message-ID: <Pine.BSI.3.96.980624073641.1904B-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We use it to keep the flies off our horse. It seems to work and the horse definitely smells better...

C U all at Ft. Tuthill...

73... Mark AA7TA

On Wed, 24 Jun 1998, John Sielke wrote:

> There are a lot of folks that are going to say "scientific test prove
> that Skin So Soft doesn't work....BUT...
>
> It is the ONLY thing I have found that works with NJ Greenhead flies!
> I ALWAYS carry a bottle on the boat, mixed 50-50 with water, in a
> spray. Shake well before using! IT REALLY does work!
>

Date: Wed, 24 Jun 1998 11:02:50 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [13771] DEET?
Message-ID: <3591151A.2D1023D@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

So all of you with the bigger and badder mesquites, have you figured out how to get them to power your QRP rig yet?

Ed Kwik KC8JIE QRP-L# 1444

Date: Wed, 24 Jun 1998 11:03:30 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [13772] DEET?
Message-ID: <35911542.FBFBED8A@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

So all of you with the bigger and badder mosquitoes, have you figured out how to get them to power your QRP rig yet?

Ed Kwik KC8JIE QRP-L# 1444

Date: Wed, 24 Jun 1998 11:05:57 -0400
From: "Ed Pacyna" <pacyna@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13773] 3V vs 12V vs 24V
Message-ID: <003101bd9f81\$a5dc07a0\$bb68440c@ed>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: base64

VGhlIG91dHB1dCBmcm9tIGFuIGFtcGxpZm11ciBpcyBsaW1pdGVkIGJ5IHRoZSBtYWduaXR1ZGUg

Gang,

We were going to keep it a secret, but in the spirit of QRP'er good will I will share a tip from the NJQRP bag o tricks.

Our mosquitos are an important natural resource that we fully intend to use. We will be fortifying our Field Day site with sooo much DEET and Skin So Soft, that no self-respecting mosquito will be anywhere near us. However before the chemical release we will lasso one of the critters and tie one end of our Field Day long wire to it's posterior. Then we will unleash the mighty power of the repellents. Our chemicals will be so repugnant that the bug will try to fly as far away as he can. Meanwhile he will be the skyhook for our antenna.

I understand that some of the guys down the shore tried this trick for a temporary two meter repeater and found that there equipment weight was no problem. The toughest trick was finding a strong enough tether.

Gee, all these tales on qrp-l and it isn't even Friday afternoon yet...

72/73,

Joe E., N2CX

Date: Wed, 24 Jun 1998 11:15:43 EDT
From: Dameador@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13775] Argonaut package Has been sold
Message-ID: <1c1cc2db.35911820@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks to everyone that inquired about the Argonaut. It has been sold to a happy home.
Don

Date: Wed, 24 Jun 1998 11:21:46 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: 50mhz@qth.net, njqrp@njqrp.org, qrp-l@Lehigh.EDU
Subject: [13776] 10 is open
Message-ID: <3591198A.130D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After a nice 6 meter opening yesterday and all the cloud cover and storms on the way,I thought we may get another opening on 6 meters.However 10 meters is open and my VA3SBB beacon is up and running at 10 watts into a vertical on 28.241 so listen up for it.
73 Fred VE3FAL EN58
Thunder Bay, Ontario

Date: Wed, 24 Jun 1998 11:20:45 -0400
From: "Ed Pacyna" <pacyna@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13777] 3V vs 12V vs 24V
Message-ID: <006501bd9f83\$a9399fa0\$bb68440c@ed>

The output from an amplifier is limited by the magnitude of the DC supply voltage.

The magnitude of the required power supply voltage is determined by the application (and limited by the specific device and/or circuit topology used). If an attempt is made to obtain greater outputs, then the output will be clipped or limited. It is that simple.

For example, the output from a RF transistor is determined by the relationship $(V_c - V_{sat})^2 / (2 R_L)$. Plug in the numbers and you will soon see why 100W is the practical power limit using a 12V power supply.

The result from using a low noise, low harmonic distortion audio amplifier in a high performance receiver is profound. The relationship between power and supply voltage here is $(V_c - V_{sat})^2 / (8 R_L)$. So in this case it would be impossible to get 2 W of clean audio into a 8 ohm speaker using a 12V supply.

Your mileage will vary with the circuit topology used (i.e. 100W transceivers use push-pull amplifiers) and the capabilities of the device used (e.g. ability of op-amp to swing rail to rail, saturation voltage etc.).

Designing for operation with low voltage power supplies results in many compromises and limitations. The popularity of 12V equipment is a result of mainly convenience (i.e. use with mobile power systems).

73

Ed, W1AAZ

Date: Wed, 24 Jun 1998 11:16:17 -0400
From: "Eugene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13778] Info on a Vendor

Message-ID: <199806241528.KAA17342@dfw-ix7.ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I found a web location for a mail order surplus parts place in the Phoenix area called Goldmine Electronics that I am not familiar with.
(<http://www.goldmine-elec.com>)

Anyone on the list have any experience with them?

Pleae e-mail direct to save bandwidth

TNX es 72,

Gene WA4HHP Summerville, SC

Date: Wed, 24 Jun 1998 11:36:52 -0400

From: Zack Lau <zlau@arrl.org>

To: qrp-l@Lehigh.EDU

Subject: [13779] Re: Solar: FD Countdown

Message-ID: <35911D14.7E67@arrl.org>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Is a major geomagnetic storm really a problem for a 6M and up Field Day effort? Seems to me that a bit of aurora might actually be useful. Is there any real negative impact on 10 GHz DX work?--Zack W1VT

Last year I did a page of 6M contacts from VT, with a bunch of single and one double hop E skip contacts with 5W.

Date: Wed, 24 Jun 1998 08:43:10 PDT

From: "Greg Breeden" <a10a@hotmail.com>

To: whowell@hq.nasa.gov, qrp-l@Lehigh.EDU

Subject: [13780] Re: Noise Bridge forever

Message-ID: <19980624154311.7040.qmail@hotmail.com>

Content-Type: text/plain

Scott:

Hello! I don't think that the manufacturers have a web site but the supplier does. He is THE WIREMAN <http://www.thewireman.com/>

You will find the bridge under: [products/miscellaneous/noisebridge](#)

He also has some of the best wire you will ever buy!

Greg Breeden, AL0A
P.O. Box 876837
Wasilla, AK 99687
907-373-1503

```
>Date: Wed, 24 Jun 1998 08:15:15 -0400
>To: al0a@hotmail.com
>From: Scott Howell <whowell@hq.nasa.gov>
>Subject: Re: Noise Bridge forever
>
>what the name of the company and you got a number or web addr? tia
>
>
>
>At 06:42 PM 06/23/1998 PDT, you wrote:
>>I like a bridge as well. There is an outfit in Quincy Michigan that
>>makes a nice one. I own it. It even works through 2 meters. It also
has
>>a "fused" (sacrificial diode) circuit if you fry it! They cost around
>>$75 from my source. Nice instruction book which shows you how to get
the
>>most out of your bridge. It is called the TENNATEST. It boasts a 5
>>percent accuracy when compared to lab instruments.
>>
>>I have no intrests in the company, just a satisfied owner.
>>
>>Greg Breeden AL0A
>>Wasilla, AK
>>
>>
>>>Date: Mon, 22 Jun 1998 19:57:58 -0700
>>>Reply-To: jwodell@mpdr0.detroit.mi.ameritech.net
>>>From: Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
>>>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>>>Subject: Noise Bridge forever
>>>
>>>After my queries about a noise bridge, I got a bridge, and the
```

results
>>>follow.
>>>
>>>I had a Century 21 that wouldn't tune with my tuner.
>>>
>>>The first thing I did with the noise bridge is to check out my
>>>dummy load (2 100 ohm, 2 watt resistors that goes back to 1966).
>>>Noise bridge said it was 75 or so ohms. Meters says 80. Progress.
>>>Supposed to be 50 ohms.
>>>
>>>Tuned up my troublesome antenna with the noise bridge. Latter said
>>>that the antenna was inductive (all at the end of the coax).
>>>
>>>Fifteen minutes later, the noise bridge had done its job, and my
>>>untunable antenna was tuned. Even my G5RV works fine on 40 now. Never
>>>did before.
>>>
>>>What's wrong with the thing? It's an awful lot of trouble, taking it
>>>in and out of the line. One nanosecond of transmission, and the noise
>>>brige is kaput.
>>>
>>>Still, it solved my problem, and I like that. It's the \$60 MFJ model.
>>>Nice to know whether you have an inductive or capacitive load.
>>>
>>>What's wrong with the Century 21 that acted so oddly? Nothing. I am
>>>used
>>>to tuning up rigs with 2-3 watts, and the 21 just doesn't like to do
>>>that. You kick it up to 30 watts, and it's a champ.
>>>
>>>Man, there are a lot of weird antennas out there. Oh, the book that
>>>comes
>>>with it is replete with errors, but watch out for me and my mighty
>>>Century 21!
>>>
>>>73 jerry w8gnd
>>>
>>>
>>
>>
>>
>>-----
>>Get Your Private, Free Email at <http://www.hotmail.com>
>>
>>
>>
>NASA Headquarters
>Human Resources Management Division
>Employee Benefits Officer
>CP/Scott Howell

>300 E Street SW
>Washington DC, 20546
>
>phone/fax: (202) 358-1558
>E-mail: Whowell@hq.nasa.gov
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 24 Jun 1998 08:49:09 -0700
From: k6hcj@juno.com (Marv Fagenson)
To: qrp-1@Lehigh.EDU
Subject: [13781] TiCK 3
Message-ID: <19980624.084913.14070.0.k6hcj@juno.com>

I understand Embedded Research has unveiled its TiCK3 chip. Other than 50 character memory, what are the fundamental differences from the TiCK 2 and, what is the price of a T 3 chip?
Tnx hpi FD
Marv Fagenson
k6hcj@Juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 24 Jun 1998 18:10:30 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, ARDUJENSKI@aol.com
Subject: [13782] Re: SIMPLE PORTABLE ANTENNA (long)
Message-ID: <E0yot4R-00064L-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Date: Tue, 23 Jun 1998 10:07:42 EDT
> Reply-to: ARDUJENSKI@aol.com
> From: ARDUJENSKI@aol.com

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: SIMPLE PORTABLE ANTENNA (long)

> G3YCC's simple antenna that really does work great.

>

I claim no plaudits for the 'design', but yes it does work and requires only ONE support. There was a commercial one, maybe two actually which used the same idea, but at a high price!

>For tuning you could make a simple Scorpion LED tuning bridge.
Or just a simple field strength meter work well - it's on my web site too!

Cheers.

--73--

Frank G3YCC G QRP 042

email: g3ycc@g3ycc.prestel.co.uk

QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>

Packet: G3YCC@GB7HUL

Date: Wed, 24 Jun 1998 13:03:30 -0500
From: n0xes@juno.com (David S Byington)
To: Peter_Simpson@ne.3com.com
Cc: qrp-1@Lehigh.EDU
Subject: [13783] Re: DEET caution
Message-ID: <19980624.130902.13662.3.n0xes@juno.com>

Try Avon's skin so soft, they accidently made a great insect repellant.
On Wed, 24 Jun 1998 06:30:36 -0400 Peter_Simpson@ne.3com.com writes:

>

>

>

>

>I never thought much about DEET until my daughter had a seizure. My
>wife

>was there when it happened. Scared the living %\$/* out of both of us.

> A

>month later, after a MRI (neat, she got a copy of the image!) and lots
>of

>trips to the doctor, we decided the cause was the "OFF!" spray she had
>been using at camp. Sure enough, one of the cautions on the label is
>about epileptic seizures.

>

>I use the stuff extremely sparingly, now. She uses an alternative
>citronella mixture. It's awfully hard to find insect repellants
>that don't contain DEET. I try harder, and try to do without any
>repellant unless absolutely necessary.

>
>I'm not usually a fearmonger, but something that can cause an
>epileptic
>seizure is something I would think twice about having on my skin.
>
>72,
>Peter, KA1AXY
>
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 24 Jun 1998 18:03:17 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13784] Low Freq Ant. design and Loop tuning.
Message-ID: <35913F65.5268@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In between thoughts I continue my work with the low frequency antennas etc. This latest thread on underground TX/RX via audio is interesting. Searching the IBM patent server resulted in an interesting patent for a VLF underwater antenna solution. I have completed my study of this and feel the information is unique and possibly useful as an idea generator.

Visit: <http://patent.womplex.ibm.com/> and do a patent number search for: 3965474 (1976 patent)
Only enter in the number 3965474

When the abstract is displayed, click on 'View Images' at the top left. Page one is loaded, click on Load remaining Images and you have it all. Pages are best printed if you 'open gif file' and display the page without the headers -- just like the original.

Also, an interesting method of tuning a loop antenna without a transmitter is presented in patent number: 5469180 (1995) patent.

I hope you find the information entertaining, I have.

By the way, as daunting as it appears, read the patent slowly and highlight all references to (Fig. 1) etc. or add a comments in the margins. Also use colored pencils to colorize the drawings. Take your time and it will make sense to you.

Happy learning.

Smilin' =ED

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Wed, 24 Jun 1998 13:03:27 -0600
From: Steven Ciciora <scicior@uswest.com>
To: qrp-l@Lehigh.EDU
Subject: [13785] Input Filter Design Software (wanted)
Message-ID: <35914D7F.6CBB@minmail.uswc.uswest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

Just got done building the 50 ohm in and out, double tuned circuit from the back of QRP Power! Worked great and had a blast! Brought it over to a Spectrum Analyzer w/ tracking generator, and got to see the effects of diddling w/ the variable caps in real time. This filter is centered for 7.1 MHz, and now I'd like to build one for the novice portion of the 80 meter band. It will be an input filter for a direct conversion receiver. Any suggestions on any free/public domain/shareware/purchasable software for designing 50 ohm filters? I'm going to try to re-scale the component values and see what happens, but I'd like to make my new filter a little more narrow. I'll start surfing the web when I get home (since I can't do it at work), but any pointers would be appreciated.

Thanks for your time!

Steven Ciciora

Date: Wed, 24 Jun 1998 13:21:43 -0600
From: "Ed Jensen" <k5ed@dzn.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [13786] Noise bridge is sold
Message-ID: <01bd9fa5\$52388d20\$bcc294cd@k5ed>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_003A_01BD9F73.079E1D20"

This is a multi-part message in MIME format.

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Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

A fellow called and bought it right after I posted it. Thanks to all =
who responded.

73, Ed

Ed Jensen, K5ED, El Paso, TX, k5ed@dzn.com

-----=_NextPart_000_003A_01BD9F73.079E1D20
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charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

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</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>A fellow called and bought it right after I posted =
it. =20
Thanks to all who responded.</DIV>
<DIV>73, Ed </DIV>
<DIV>Ed Jensen, K5ED, El Paso, TX, <A=20
href=3D"mailto:k5ed@dzn.com">k5ed@dzn.com</DIV></BODY></HTML>

-----=_NextPart_000_003A_01BD9F73.079E1D20--

Date: Wed, 24 Jun 1998 15:53:00 -0400
From: "David, n2zhy" <n2zhy@amsat.org>
To: njqrp@njqrp.org, qrp-1@Lehigh.EDU
Subject: [13787] Re: DEET caution
Message-ID: <3591591C.B76@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

More mosquito tactics.

Back in the eighty's I lived, worked and played around the Florida Everglades. I was working on edible shrimp and brine shrimp culture techniques. We worked outside most of the time in what could only be described as inhuman conditions. Standing around before dawn with a small lamp on your head the mosquitoes would literally coat from head to toe.

Tried brewer's yeast, several types of B vitamins, garlic and others that escape me now. Took baths, didn't take baths.

Citrus sprays worked on the dog.

When pesticide contamination was a problem, we would dress in rain suits, nets over the face and Playtex gloves on the hands. This kept out the mosquitoes but heat stroke became a real problem.

The rest of the time I would drench myself in OFF and my girlfriend in Skin So Soft. Worked great! The mosquitoes followed her around all day and left me alone. (She was much smarter and much much more stubborn than I).

I noticed on my kayak trips, where everything gets packed into common spaces on the boat, that my lips would go numb by the third day. OFF seemed to get into absolutely every thing that I ate, covered myself with or touched. As an aside, the OFF in the green cans taste much better than the original formula.

The last kayak trip was eighteen days including a two day layover at the halfway point for resupply and some rest. (Flamingo --> Everglades City --> Flamingo) On this trip I brought along a mesh suit purchased at Campmor up here in New Jersey. The mesh suit held away from the body by warm weather clothes kept almost all the mosquitoes from biting and the OFF keeps them from landing on the suit. The OFF can be sprayed all over the mesh suit with no direct exposure to the skin.

This system worked out absolutely the best! I only used about a third of the cans of OFF that I had brought along. My lips never went numb, during the entire trip, allowing me to savor the rich freeze-dried cuisine prepared nightly.

A few cautions for Florida or similar environment bound adventurers; 1) Only purchase a suit made of "no-see-um"(the one that bites that can't be seen) mesh. This is a much finer mesh size then the "mosquito" mesh. Mosquitoes go right through "mosquito mesh". The "no-see-ums" can be worse than the mosquitoes and demand a greater level of protection. 2) Buy the largest size suit that you can put on with out tripping over the excess material. I normally take a medium but purchased an extra large. This will allow more clothes under the suit and increase the distance the little bugger has to span with his proboscis. 3)Buy the hood/head cover.

Other than the flavor, I have no particular penchant for OFF. Substitute anything with DEET. Remember that all this stuff is made to kill living organisms so go easy on the spray. There was a previous posting that recommended low concentrations of DEET. I should think this very prudent. Always spray or apply repellant to clothes or peripheral items, not skin. Least contact the better. In fact, if you don't have to be there, go somewhere else where you won't have to use insecticides.

Have fun and don't even think about all those tropical diseases, with the exotic names, that you could be contracting. There will be lots of time this winter to spend with the Merck Manual or your favorite computer medical symptoms program.

72 and GL at FD
David,n2zhy

Date: Wed, 24 Jun 1998 13:55:31 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [13788] Looking for AA2VK
Message-ID: <3.0.3.32.19980624135531.0090acd0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom: Your Compuserve email address is no longer valid! Please send me your new one.

Date: Wed, 24 Jun 1998 22:53:08 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [13789] Int. QRP Day Contest - results
Message-ID: <E0yoxTx-0002QD-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

INTERNATIONAL QRP DAY CONTEST RESULTS:

1 G0AOZ 33 POINTS (MODIFIED EPIPHYTE, ANTENNA END FED)
2 G4UCJ 20 POINTS (ALINCO DX70, HF ANTENNA G5RV/2 IN LOFT, ALSO 2M
GEAR)

ALSO TOOK PART:

WE6W, AC5K, G4EDX, G0IFK, 2E0AOZ.

Thanks to the above for their support. Certificates will be sent to
G0AOZ and G4UCJ.

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

End of QRP-L Digest 1132

